Name:

p1106: Solve by factoring (v16)

1. Solve the equation
$$x^2 - 4x - 32 = 0$$

2. Solve the equation
$$x^2 - 17x + 72 = 0$$

3. Solve the equation
$$7x^2 + 12x + 49 = 6x^2 - x + 9$$

4. Solve the equation
$$6x^2 - 2x + 9 = 5x^2 + 7x - 9$$

5. Solve the equation
$$7x^2 + 2x - 13 = 6x^2 - 5x + 5$$

6. Solve the equation
$$7x^2 - 30x + 8 = 0$$

7. Solve the equation
$$5x^2 - 7x - 6 = 0$$

8. Solve the equation
$$4x^2 - 8x - 11 = 2x^2 - 7x + 4$$

9. Solve the equation
$$6x^2 - 4x - 3 = 3x^2 + 7x + 1$$

10. Solve the equation
$$3x^2 + 10x - 11 = x^2 + 9x - 8$$